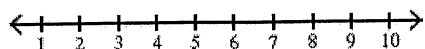


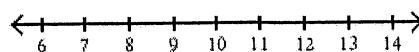
Résoudre les Inéquations à 2 ou plusieurs étapes

Résoudre chaque inéquation algébriquement puis représente la réponse graphiquement.

1) $-4 - 5v < -29$



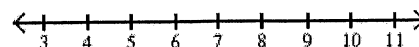
2) $-2 + \frac{r}{9} > -1$



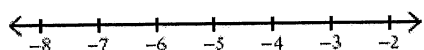
3) $-1 + 4x \leq 31$



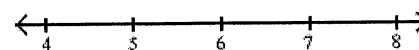
4) $-3 + 2b < 13$



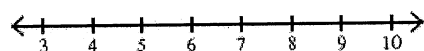
5) $\frac{m}{6} - 5 \geq -6$



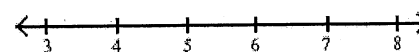
6) $5 + \frac{n}{2} > 8$



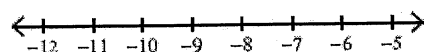
7) $3n - 3 > 12$



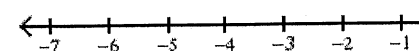
8) $-2(x + 3) > -16$



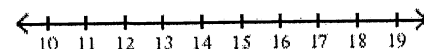
9) $-40 < 5 + 5x$



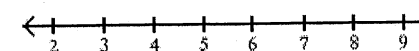
10) $-6 > \frac{m}{2} - 4$



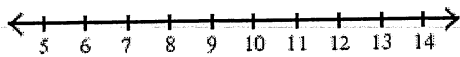
11) $9(x + 7) \geq 198$



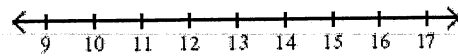
12) $\frac{p}{2} + 7 \leq 10$



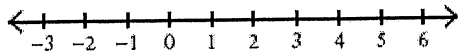
$$13) 36 \geq 6(-4 + a)$$



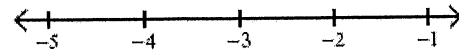
$$14) -52 < 8 - 5k$$



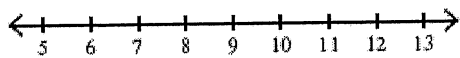
$$15) \frac{x+6}{4} \geq 2$$



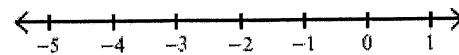
$$16) 5(a+2) > -5$$



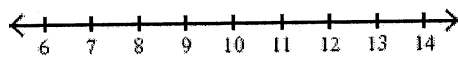
$$17) 7 + \frac{v}{3} \geq 10$$



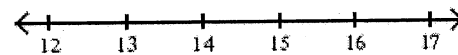
$$18) 18 > 2(v+10)$$



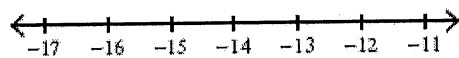
$$19) \frac{-3+m}{6} < 1$$



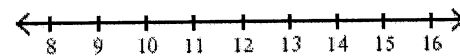
$$20) \frac{9+b}{3} < 8$$



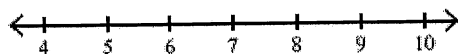
$$21) 7n+6 \geq -85$$



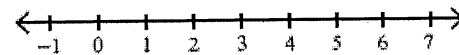
$$22) 143 \leq 11b+11$$



$$23) -9 \leq -8 + \frac{v}{-6}$$



$$24) 8 - 7n > -20$$



Résoudre chaque inéquation algébriquement.

25. $4x + 8 < 20$

26. $-5x + 3x + 1 \geq -14$

27. $\frac{x-6}{3} \geq -8$

28. $8 - 11x \leq -3$

29. $3(x-2) > 21$

30. $-\frac{x}{5} \geq x - 1$

31. $3x + 5 < 2x - 1$

32. $7x - 9 > 23 - x$

33. $-4(x-2) \leq -28$

34. $\frac{x}{7} < -x + 1$

35. $\frac{x}{2} + \frac{x}{3} > 5$

36. $-7 + x \geq -2x - 1$

37. $\frac{x-4}{2} \leq 3$

38. $2x + 7 < x - 4$

39. $4(x+3) - 2x > \frac{x}{2}$

40. $\frac{1}{x+3} < \frac{3}{2}$

41. $9x - 8 \leq 2(x-4)$

42. $\frac{x}{2} + \frac{3x}{4} \geq 5$

43. $\frac{-6x}{5} < -3x + 2$

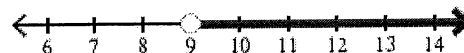
44. $\frac{4}{x+3} > -\frac{7}{2}$

45. $\frac{3}{4} - \frac{d}{3} > \frac{3}{8}$

$$1) -4 - 5v < -29$$



$$2) -2 + \frac{r}{9} > -1$$



$$3) -1 + 4x \leq 31$$



$$4) -3 + 2b < 13$$



$$5) \frac{m}{6} - 5 \geq -6$$



$$6) 5 + \frac{n}{2} > 8$$



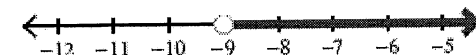
$$7) 3n - 3 > 12$$



$$8) -2(x + 3) > -16$$



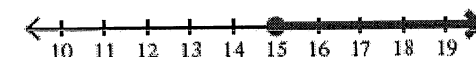
$$9) -40 < 5 + 5x$$



$$10) -6 > \frac{m}{2} - 4$$



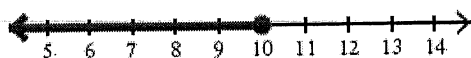
$$11) 9(x + 7) \geq 198$$



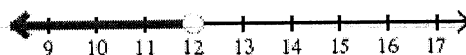
$$12) \frac{p}{2} + 7 \leq 10$$



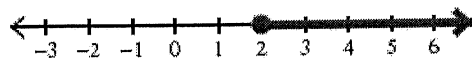
$$13) 36 \geq 6(-4 + a)$$



$$14) -52 < 8 - 5k$$



$$15) \frac{x+6}{4} \geq 2$$



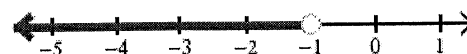
$$16) 5(a+2) > -5$$



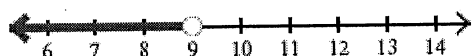
$$17) 7 + \frac{v}{3} \geq 10$$



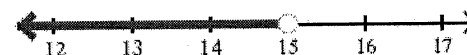
$$18) 18 > 2(v+10)$$



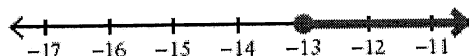
$$19) \frac{-3+m}{6} < 1$$



$$20) \frac{9+b}{3} < 8$$



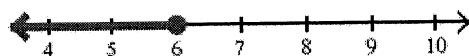
$$21) 7n + 6 \geq -85$$



$$22) 143 \leq 11b + 11$$



$$23) -9 \leq -8 + \frac{v}{-6}$$



$$24) 8 - 7n > -20$$



Réponses

25. $x < 3$

26. $x \leq \frac{15}{2}$

27. $x \geq -18$

28. $x \geq 1$

29. $x > 9$

30. $x \leq \frac{5}{6}$

31. $x < -6$

32. $x > 4$

33. $x \geq 9$

34. $x < \frac{7}{8}$

35. $x > 6$

36. $x \geq 2$

37. $x \leq 10$

38. $x < 11$

39. $x > -8$

40.

$x > -\frac{7}{3}$

41. $x \leq 0$

42. $x \geq 4$

43. $x < \frac{10}{9}$

44. $x > -\frac{29}{7}$

45. $d < \frac{9}{8}$